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IN THE CLAIMS

1. (Currently amended) A bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles~~;~~, wherein the light diffusing particles have a refractive index of 1.43 to 1.49; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.

2. (Currently amended) The bulk light diffuser material as set forth in Claim 1 wherein the light diffusing particles comprise ~~poly(acrylate)~~, a poly(alkyl methacrylate), a poly(tetrafluoroethylene), ~~a silicone, zinc, antimony, titanium, barium~~ or mixtures thereof, wherein the alkyl groups of the poly(alkyl methacrylate) have one to about twelve carbon atoms.

3. (Cancelled)

4. (Original) The bulk light diffuser material as set forth in Claim 2 wherein the poly(alkyl methacrylate) comprises poly(methyl methacrylate).

5. (Currently amended) The bulk light diffuser material as set forth in Claim 2, wherein the ~~silicone~~ light diffusing particles comprises hydrolyzed poly(alkyl trialkoxysilanes), wherein the alkyl groups have one to about twelve carbon atoms.

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6. (Cancelled)

7. (Cancelled)

8. (Currently amended) The bulk light diffuser material as set forth in Claim ~~3~~ 1 wherein the light diffusing particles have a mean particle size of about 1.0 micrometer to about 10.0 micrometers.

9. (Currently amended) The bulk light diffuser material as set forth in Claim ~~3~~ 1, wherein the light diffusing particles are present in an amount of about 2.2% to about 2.5% based on the total weight of the polycarbonate and the light diffusing particles.

10. (Original) The bulk light diffuser material as set forth in Claim 1 wherein the bulk light diffuser material is in the form of a film or sheet.

11. (Currently amended) The bulk light diffuser material as set forth in Claim 10 wherein the film or sheet ~~material~~ has a thickness of about 0.025 mm to about 0.5 mm.

12. (Currently amended) The bulk light diffuser material as set forth in Claim ~~3~~ 1 wherein the light diffusing particles are matte surface poly(methyl methacrylate) particles that have a gloss value according to ASTM standard D523 of less than about 50.

13. (Currently amended) The bulk light diffuser material as set forth in Claim ~~3~~ 1 wherein the light diffusing particles are polished surface poly(methyl methacrylate) particles that have a gloss value according to ASTM standard D523 of greater than about 90.

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14. (Currently amended) A backlight display device comprising:

an optical source for generating light;

a light guide for guiding the light therealong;

a reflective device positioned along the light guide for reflecting the light out of the light guide; and

a bulk light diffuser material receptive of the light from the light guide, the bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles~~,~~, wherein the light diffusing particles have a refractive index of 1.43 to 1.49; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.

15. (Currently amended) The backlight display device as set forth in Claim 14 wherein the light diffusing particles comprise ~~a poly(acrylate)~~, a poly(alkyl methacrylate), a poly(tetrafluoroethylene), ~~a silicone, zinc, antimony, titanium, barium~~ or mixtures thereof, wherein the alkyl groups of the poly(alkyl methacrylate) have one to about twelve carbon atoms.

16. (Cancelled)

17. (Original) The backlight display device as set forth in Claim 15 wherein the poly(alkyl methacrylate) comprises poly(methyl methacrylate).

18. (Currently amended) The backlight display device as set forth in Claim 15 wherein the ~~silicone~~ light diffusing particle comprises hydrolyzed poly(alkyl trialkoxysilanes), wherein the alkyl groups have one to about twelve carbon atoms.

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19. (Cancelled)

20. (Cancelled)

21. (Currently amended) The backlight display device as set forth in Claim ~~16~~ 14 wherein the light diffusing particles have a mean particle size of about 1.0 micrometer to about 10.0 micrometers.

22. (Currently amended) The backlight display device as set forth in Claim ~~16~~14, wherein the light diffusing particles are present in an amount of about 2.2% to about 2.5% based on the total weight of the polycarbonate and the light diffusing particles.

23. (Original) The backlight display device as set forth in Claim 14 wherein the bulk light diffuser material is in the form of a film or sheet.

24. (Currently amended) The backlight display device as set forth in Claim 23 wherein the film or sheet ~~material~~ has a thickness of about 0.025 mm to about 0.5 mm.

25. (Currently amended) The backlight display device as set forth in Claim ~~16~~ 17 wherein the ~~light diffusing~~poly(methyl methacrylate) particles are matte surface poly(methyl methacrylate) particles that have a gloss value according to ASTM standard D523 of less than about 50.

26. (Currently amended) The backlight display device as set forth in Claim ~~16~~ 17 wherein the ~~light diffusing~~poly(methyl methacrylate) particles are polished surface poly(methyl methacrylate) particles that have a gloss value according to ASTM standard D523 of greater than about 90.

27. (Original) The backlight display device as set forth in Claim 23 wherein the film or sheet includes a prismatic surface.

28. (Original) The backlight display device as set forth in Claim 23 wherein the film or sheet includes a planar surface.

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29. (Cancelled)

30. (Cancelled)

31. (New) A bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles, wherein the difference between the refractive index of the polycarbonate and the refractive index of the light diffusing particles is about 0.1 to about 0.16; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.

32. (New) The bulk light diffuser material of Claim 31, wherein the light diffusing particle comprises polymethyl methacrylate.

33. (New) The bulk light diffuser material of Claim 31, wherein the light diffusing particle comprises a hydrolyzed poly(alkyl trialkoxysilane), wherein the alkyl groups have one to about twelve carbon atoms.

34. (New) A bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles; wherein the light diffusing particles comprise poly(methyl methacrylate), hydrolyzed poly(alkyl trialkoxysilane) or combinations thereof; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.

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35. (new) A backlight display device comprising:

an optical source for generating light;

a light guide for guiding the light therealong;

a reflective device positioned along the light guide for reflecting the light out of the light guide; and

a bulk light diffuser material receptive of the light from the light guide, the bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles, wherein the difference between the refractive index of the polycarbonate and the refractive index of the light diffusing particles is about 0.1 to about 0.16; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.

36. (New) The bulk light diffuser material of Claim 35, wherein the light diffusing particle comprises polymethyl methacrylate.

37. (New) The bulk light diffuser material of Claim 35, wherein the light diffusing particle comprises a hydrolyzed poly(alkyl trialkoxysilane), wherein the alkyl groups have one to about twelve carbon atoms.

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38. (New) A backlight display device comprising:

an optical source for generating light;

a light guide for guiding the light therealong;

a reflective device positioned along the light guide for reflecting the light out of the light guide; and

a bulk light diffuser material receptive of the light from the light guide, the bulk light diffuser material comprising:

about 95 to about 99.8 percent by weight of a polycarbonate and about 0.2 to about 5 percent by weight of light diffusing particles, based on the total weight of the polycarbonate and of the light diffusing particles, wherein the light diffusing particles comprise poly(methyl methacrylate), hydrolyzed poly(alkyl trialkoxysilane) or combinations thereof; and

wherein the bulk light diffuser material has a percent transmittance of at least 70% and a haze of at least 10% measured according to ASTM standard D 1003-00.